

Unit	Detailed topic	No. of lessons	CTL Topics	Max grade	Link to resources
	BASELINE TEST	1	None – baseline test will take the full period		
NUMBER	Rounding – to nearest whole number, specified dp	1	Decimal numbers – ordering, 4 operations (+, -, x, /)		Corbett Maths Links
	Written Methods – multiplication and division with decimals	3	Naming shapes		
	Negative numbers – ordering, 4 operations (+, -, x, /)	3			
	Squares & Cubes Square roots & Cube roots Basic index rules (fractional/negative - not on test)	4			
	Multiples and Factors Prime numbers Prime Factorization HCF, LCM	2			
		3			
	BIDMAS	1			
ALGEBRA	Substitution (link with BIDMAS)	1			Corbett Maths Links
	Simplifying expressions (i.e. collect like terms) – simple ($3x - 4y - 5x + 2y$) Complex ($3x^3y^2 + 2xy^2 + 5x^3y^2$) Multiplying and dividing terms	4			
	Expanding – single brackets, two single brackets, double brackets	3			
	Factorising – single brackets only	3			
SHAPE	Basic angle facts – angles about a point, angles on a straight line, vertically opposite	2			Corbett Maths Links
	Angles in triangles and quadrilaterals (equilateral, isosceles, scalene)	2			

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SHAPE	Perimeter of regular and compound shape and circumference of a circle (use 3.14)	3	Unit conversions for length		
	Area Triangles, parallelograms, trapezium, compound shapes, circle (use 3.14)	3	Rectangles		
	Volume of prisms	2	Comparing FDP		
	SHAPE PROJECT (TERM 1) (sometime during SHAPE UNIT)	4			
FRACTIONS AND PERCENTAGES	Fractions – equivalent fractions	1	Inequality signs		
	Convert between mixed numbers and improper fractions	1	Roman numerals		
	Fractions – ordering, 4 operations (+, -, x, /)	4	Reading scales		
	Converting Fractions, Decimals and Percents (FDP) (Just basic F to D)	2	Sequences		
	One quantity of another as a fraction or percentage	1			
	Percentages of amounts (non-calc)	1			
	Percentage increase/decrease (non-calc)	1			
ALGEBRA	Function machines	2			
	Solving linear equations (including equations involving brackets, simple algebraic fractions, x on both sides) (fractional and negative answers)	6			
	Sequences – finding nth term and using the nth term to find a term in the sequence	2			

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DATA	Mean, Median, Mode, Range from a list	2	Pie charts – 360 degrees		
	Tally and Frequency Table	2			
	Bar Chart Compound/Dual Bar Chart	2			
	Scatter graphs Line of best fit (by eye) Correlation (informal)	2			
	DATA PROJECT (TERM 2) (Sometime during DATA unit)	4			
DATA	Probability Scale Simple Probability	2			
	Probability from two-way table Sample spaces	2			
NUMBER	Ratios – simplifying (CTL) Sharing into a ratio	2			
	Conversion graphs (temperature, currency, etc)	2			
SHAPE	Co-ordinate plane - Plotting points, drawing lines $x=h$ and $y=k$	2			
	Transformations - Reflection in a mirror line - Translation using vectors	2			
	END OF YEAR PROJECT (TERM 3)	4			